

# Technical Production Requirements

## Drafting Standards

**Director's Order 10A** - Guideline for Preparation of Design and Construction Drawings is a National Park Service guideline for NPS employees, joint agencies and architectural and engineering (A/E) contractors for use in the preparation of design development, construction and as-constructed drawings.

The requirements outlined in Director's Order 10A provide the National Park Service with uniform drawings that meet NPS archiving standards.

**Reference Manual 10A** - Director's Order 10A outlines the basic requirements. An associated manual, Reference Manual 10A, is also available that provides, in more detail, specific drawing requirements and graphic examples.

## CADD Standards

The need to exchange electronic drawing files between the Denver Service Center and the A/E community - as well as the need to maintain consistency necessary for archival and retrieval of electronic drawings necessitates certain requirements that must be met on all projects. AutoCAD software is the standard CADD software to be used for all National Park Service projects for the Denver Service Center. File conversions from other CADD software will not be accepted.

The **CADD User's Guide** is a Denver Service Center guideline intended for use in the preparation of CADD generated design and construction drawings for the National Park Service. This guideline documents the electronic requirements necessary for consistent and compatible CADD files and incorporates the graphic drawing requirements from Director's Order 10A. All support files and customization that have been created for AutoCAD users at the Denver Service Center will be available to A/E contractors and are documented in the CADD User's Guide.

The Director's Order 10A, the DSC CADD User's Guide and our AutoCAD Customization can be found on our CAD website at <http://cadd.den.nps.gov>